

curriculum vitae

# Roberto Cantillan Carrasco

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## Education

<b>Pontificia Universidad Católica</b> <i>Doctoral student in Sociology</i>	Chile
<b>Universidad de Santiago</b> <i>Master in Social Sciences, mention in civil society studies</i>	2022 – present
<b>Universidad Diego Portales</b> <i>Sociology</i>	Chile
	2015 – 2018
	2007 – 2012

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## Diplomas, courses and internships

<b>Complexity Global School for Emerging Political Economies</b> <i>Santa Fe Institute</i>	Colombia
	2025
<b>BEHAVE Summer School on Agent-Based Modelling</b> <i>University of Brescia</i>	Italy
	2024
<b>SICSS Summer Institutes of Computational Social Science</b> <i>Universidad Católica de Chile</i>	Chile
	2023
<b>Diploma in Multivariate Analysis</b> <i>Universidad de Chile</i>	Chile
	2019
<b>Research internship</b> <i>Università degli Studi di Trento</i>	Italy
	2019
<b>Diploma in University Teaching (UNIE)</b> <i>Universidad de Santiago de Chile</i>	Chile
	2016
<b>Summer School in Mixed Methods</b> <i>Universidad Católica de Chile</i>	Chile
	2015

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## Awards and honours

<b>Conference Travel Award ISA</b> <i>International Sociological Associations (ISA)</i>	2021
<b>Master scholarship</b> <i>Centre for Social Conflict and Cohesion Studies (COES)</i>	2018 – 2019
<b>Best Master's Thesis in Social Sciences</b> <i>Universidad de Santiago IDEA</i>	2019
<b>Competition for internships in foreign universities</b> <i>Universidad de Santiago IDEA</i>	2018

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## Professional experience

<b>Centro de Estudios Interculturales e Indígenas CIIR</b>   <i>R, RStudio, Git</i> part-time	2023 – 10/2024
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- Survey technical assistant ELRI
- Project data repository development
- Assistance in the construction and evaluation of survey items
- Statistical, descriptive and inferential analysis of the data produced

<b>Analyst</b>	2020 – 2022
<i>Universidad de las Américas (Community Intervention Program)</i>	<i>Remote, part-time</i>
<ul style="list-style-type: none"> <li>• Project data repository development</li> <li>• Assistance in the construction and evaluation of survey items</li> <li>• Statistical, descriptive and inferential analysis of the data produced</li> </ul>	
<b>Research assistant</b>	2020
<i>Universidad Diego Portales CICLOS</i>	<i>Remote, part-time</i>
<ul style="list-style-type: none"> <li>• Assistance in inferential statistical analysis in different projects</li> </ul>	
<b>Research assistant</b>	2019 – 2020
<i>Centro de Investigación Avanzada en Educación CIAE</i>	<i>Santiago, Chile</i>
<ul style="list-style-type: none"> <li>• Assistant in field execution</li> <li>• Production of qualitative data</li> <li>• Qualitative data analysis</li> </ul>	
<b>Analyst</b>	2017 – 2019
<i>Universidad de Santiago</i>	<i>Santiago, Chile</i>
<ul style="list-style-type: none"> <li>• Qualitative and quantitative research assistant</li> </ul>	
<b>Assistant</b>	2016 – 2017
<i>Fundación Casa de la Paz</i>	<i>Santiago, Chile</i>
<ul style="list-style-type: none"> <li>• Assistant in field execution and in the analysis of qualitative and quantitative information</li> </ul>	
<b>Technical assistant</b>	2015 – 2015
<i>netquest</i>	<i>Santiago, Chile</i>
<ul style="list-style-type: none"> <li>• Assistant in field development in online panel surveys</li> <li>• Customer service and demand resolution</li> </ul>	
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Academic research assistant	
<b>Millennium Nucleus for the Study of Labor Market Mismatch <i>LM<sup>2</sup>C<sup>2</sup></i></b>	Chile
<i>Thesis student</i>	<i>2023 – present</i>
<ul style="list-style-type: none"> <li>• <a href="#">webpage</a></li> </ul>	
<b>New York University</b>	Abu Dhabi
<i>Research assistant</i>	<i>2023 – present</i>
<ul style="list-style-type: none"> <li>• "Names diffusion and social class"</li> <li>• Principal Investigator: Mario Molina</li> </ul>	
<b>Universidad Católica del Maule</b>	Chile
<i>Assistant in FONDECYT project N° 12200560</i>	<i>2022 – 11/2024</i>
<ul style="list-style-type: none"> <li>• "Sustainability Sciences in Latin America: Social network analysis"</li> <li>• <a href="#">webpage</a></li> <li>• Principal Investigator: Julien Vanhulst</li> </ul>	
<b>Universidad de Los Lagos - U de Chile/COES</b>	Chile
<i>Assistant in FONDECYT project N° 1190436</i>	<i>2021 – 2022</i>
<ul style="list-style-type: none"> <li>• "One's position in society: the just and the unjust in the social mirror"</li> <li>• Principal Investigator: Óscar Mac-Clure</li> </ul>	
<b>Centre for Social Conflict and Cohesion Studies COES</b>	Chile
<i>Assistant in MINICOES project</i>	<i>2021 – 2022</i>

- "Patterns of homophily and heterophily in personal networks in longitudinal perspective: Analysis with ELSOC data 2016-2019"
- Principal Investigator: Vicente Espinoza

### **Universidad de Santiago**

*Assistant in FONDECYT project N°1171426*

Chile

2019 – 2022

- "The structure of sociability in Chile and its consequences for our coexistence. Longitudinal analysis of social networks."
- Principal Investigator: Vicente Espinoza

### **Universidad de Chile**

*Thesis student in FONDECYT project N°1160984*

Chile

2017 – 2019

- "Informal institutions in the midst of political changes and their impact on Chilean democracy"
- Principal Investigator: Emmanuelle Barozet

### **Universidad Católica**

*Thesis student in FONDECYT project N°1130897*

Chile

2015 – 2016

- "Web In Movement: The Students Movement In Chile And The Use Of The Internet"
- Principal Investigator: Marisa Von Bullow

## Research projects

### **Social Network Analysis Laboratory (redesLab) | R, RStudio, HTML**

2020 – present

- Write and systematize codes for the execution of statistical analysis
- Configuration and maintenance of the web page and git repository of the project
- Writing academic articles

## Teaching activities

### **Universidad Católica del Maule**

*Professor, School of Sociology*

Chile

2024

- Introduction to Computational Social Sciences and Data Science with R

### **Pontificia Universidad Católica**

*Teaching assistant, School of Sociology*

Chile

2023-2025

- Categorical Data Analysis (Master and Doctoral Program)
- Course director: Mauricio Bucca

### **Pontificia Universidad Católica**

*Teaching assistant, School of Sociology*

Chile

2023-2024

- Diploma in advanced database processing in R
- Course director: Mauricio Bucca

### **Universidad de Santiago**

*Professor, School of Psychology*

Chile

2020

- Thesis seminar I
- Thesis seminar II

### **Universidad de Santiago**

*Teaching assistant, School of Psychology*

Chile

2014 – 2019

- Design and evaluation of social projects

- Contemporary social psychology
- Qualitative methods I and II

**Universidad de Humanismo Cristiano**  
*Teaching assistant, School of Psychology*

Chile  
 2015

- Thesis seminar I

Technical advice and consultancy

**FONDECYT project 1170324**  
*Universidad Diego Portales*

Chile  
 2020

- Principal Investigator: Teresa Correa Ph.D.
- Advice on statistical analysis of panel data

**FONDECYT project 1190540**  
*Universidad Diego Portales*

Chile  
 2021

- Principal Investigator: Andrés Scherman Ph.D.
- Assistance in statistical analysis of experimental data

**FONDECYT project 111180916**  
*Universidad Diego Portales*

Chile  
 2021

- Principal Investigator: Macarena Peña Y Lillo Ph.D.
- Advice on statistical analysis of latent variables

**Accreditation process Master in Social Sciences**  
*Universidad de Santiago IDEA*

Chile  
 2015

- Information systematization
- Coordination of evaluation meetings

**Training process and SIMCE application**  
*Universidad Técnica Federico Santa María*

Chile  
 2013

- Application coordinator
- Rapporteur training

Articles in preparation

- Cantillan, R., & Bucca, M. (manuscript in preparation). *Structurally conditioned diffusion: How asymmetric trajectory channeling reproduces skills-based stratification.*
- Bucca, M., Cantillan, R., Molina, M., Pesando, L. (manuscript in preparation) *Trickle-Down Names: How Social Class Shapes Naming Patterns*
- Cantillan, R., Torres, G., & Bucca, M. (manuscript in preparation). *Who Legitimizes Skills? Asymmetric Diffusion Across Educational Institutions.*
- Cantillan, R., Ahumada, G., & Espinoza, V. (manuscript in preparation). *Multiple membership configurations and trust formation: Structural precarity in highly unequal societies.*
- Ramond, Q. & Cantillan, R (manuscript in preparation) *Neighborhood peer effects in school choice.*

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## Papers

- Ahumada, G., Cantillan, R., & Jara, B. (2024). Social capital and individual well-being in the post-disaster period: The case of Hurricane Maria in Puerto Rico. *International Journal of Disaster Risk Reduction*, 103, 104308.  
<https://doi.org/10.1016/j.ijdrr.2024.104308>
- Garreton, M., Espinoza, V., & Cantillan, R. (2021). Social capital in the urban context: Diversity and social contacts in Chilean cities. *Journal of Urban Affairs*, 0(0), 1–20.  
<https://doi.org/10.1080/07352166.2021.1974302>
- Plaza, A., Cantillan, R., Beck, G., & Espinoza, V. (2022). Together, but not mixed: Homophily in Mapuche and non-Mapuche intergroup relations. *Revista de Sociología*, 37(1). <https://doi.org/10.5354/0719-529X.2022.68147>
- Cantillan, R., & Herrera, J. (2020). Actor and block centrality in mobilization organizational networks in the conflict over the Communal Regulatory Plan of Peñalolén in 2011. *Revista EURE - Revista de Estudios Urbano Regionales*, 46(138).  
<http://www.eure.cl/index.php/eure/article/view/3035>

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## Book chapters

- Plaza Reveco, A., Cantillan Carrasco, R., & Muñoz Rojas, B. (2023). Multilevel analysis for the study of egocentric networks: Applications in the study of homophily in Chile. In "Social Networks: Theory, methods and applications in Latin America" (pp. 183–202). *Centro de Investigaciones Sociológicas (CIS)*. [View](#)

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## Presentations

- 2025 "Asymmetric Trajectory Channeling in Labor Markets". [IC2S2](#), Norrköping, Sweden and [INAS](#), Columbia NYC. [Details](#)
- 2022 "The structural bases of cohesion in the Chilean associative field". SUNBELT Conference, Cairns, Australia, July. With Vicente Espinoza and Alejandro Plaza
- 2021 "The Structural Bases of Cohesion and Civil Society: An approach based on voluntary associations and multiple memberships". VIII COES INTERNATIONAL CONFERENCE: Social Cohesion in Turbulent Times. with Vicente Espinoza and Alejandro Plaza
- 2021 "Cohesion and fragmentation in the Chilean associative field". International Seminar [Cohesive Societies](#) of the German Akademie Für Soziologie. with Vicente Espinoza and Alejandro Plaza.
- 2021 "Participation In Voluntary Associations and Acquisition of Social Capital at Individual Level. Evidence From A Neoliberal Context" [link](#), "Associativity and Generalized Trust In Chile: a longitudinal analysis" [link](#). "Trust and diversity as an outcome of associative behavior patterns in Chile. [link](#) with Vicente Espinoza, Herman Aros, Alejandro Plaza and Guillermo Beck. IV ISA Forum of Sociology. International Sociological Association 2021
- 2020 "The analytical potential of the position generator to analyze the structure of occupations and their changes over time". Seminar Social Change in Chile: A longitudinal perspective. COES Center.

- 2020 "Patterns of associative behavior in Chile (2016-2018): Analysis of latent states and transitions" ELSOC-COES data wave 1 and 3. With José Herrera. Seminar Social Change in Chile: A longitudinal perspective. COES Center.
- 2019 "Social capital and popular power in the pobladores movement in Santiago de Chile: network analysis of the conflict over the communal regulatory plan in Peñalolén 2009-2011", and "Associativity and generalized trust in Chile". with Vicente Espinoza and José Herrera. Rlars Conference, Universidad del Cuyo, Mendoza.
- 2019 "Social capital and popular power in the pobladores movement: network analysis of the 2011 contention in Peñalolén" Human development for all: social sciences in dialogue form inclusive society. Universidad Católica de Chile, COES, Social One, and Psychology E. 2019 International conference (residential modality).
- 2019 "Political subjectification in the UKAMAU Pobladores Movement" and "Social capital and dynamics of popular power construction in the pobladores movement in Chile. Network analysis of the 2011 contention in Peñalolén". DEMOSAL Conference. Santiago de Chile.
- 2018 "Exploring social capital and political power concentration dynamics in the pobladores movement in Chile", Roberto Cantillan and José Herrera. COES conference "Concentrations". COES Center.
- 2018 "Social capital and popular power construction in the pobladores movement: network analysis of the 2011 contention in Peñalolén" Chilean Sociology Congress. Universidad Arturo Prat de Iquique.
- 2015 "Structural analysis proposal: Peñalolén against the regulatory plan" COES conference "Urban and territorial conflicts: challenging social cohesion?". COES Center.

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## Skills

**Programming languages:** R, Python, HTML/CSS  
**Text processor:** Latex, Markdown, Quarto.  
**Languages:** Spanish (native), English B1  
**Developer tools:** Jupyter Notebooks, Git  
**Blog:** [Personal](#),

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## References

<b>Mauricio Bucca Ph.D.</b> <i>mebucca@uc.cl</i>	Pontificia Universidad Católica de Chile
<b>Vicente Espinoza Ph.D.</b> <i>profespinoza2010@gmail.com</i>	redesLab - COES
<b>Matías Bargsted Ph.D.</b> <i>mbargsted@uc.cl</i>	Pontificia Universidad Católica de Chile - COES
<b>Marisa Von Bulow Ph.D.</b> <i>marisavonbulow@gmail.com</i>	Universidad de Brasilia
<b>Mario Diani Ph.D.</b> <i>mario.diani@gmail.com</i>	Universidad de Trento